DRAFT
DNCT Meeting Notes
11/3/98
9:30-3:30

Attendees: Bruce Herbold, Elise Holland, Pete Chadwick, Chet Bowling, Paul Fujitani, Larry Brown, Jim White, Gary Stern, Dave Fullerton, B.J. Miller, Curtis Creel, Dave Briggs(phone), Peter Louie, Jim Snow, Tom Cannon, Russ Brown, Dale Flowers, Ron Ott.

Agenda:

i. Scenario review and development.
ii. Management issues.
iii. Coverage.
iv. What is needed to flush out scenarios

Highlights

I. Developed basic concepts (features) and issues for five scenarios (A-E)

Revised Scenario Descriptions - (see attached Powerpoint charts)

Actions/Questions for DEFT and NoName Groups:

1. DEFT: Develop standards for Scenario A that are operationally feasible.
2. NNG: Scenario B - Identify tools to match prioritized list of actions.
3. NNG: Scenario D - Model how much water in contract - how do we do annual allocation and work with project operators?
4. DEFT: Do the criteria being developed by DEFT include inDelta impacts of NoName tools?
5. Are standards adequate to protect environment from NoName tools?
6. DEFT: Define a trial set of triggers for relaxations in scenario so they may be evaluated.
7. DEFT: Need to prioritize relaxation options for Scenario B phased implementation of actions.
8. DEFT: develop guidelines for export curtailment in Scenario C.
9. DEFT: What are the action/trigger priorities for implementation in Scenario D?
10. NNG: should prioritize tools to go with each action relaxation option.
11. Operators: For scenario B, operators need to figure out how elimination of E/I puts water into the Environmental Water Account(EWA).
12. Operators: how do we do accounting for env acct in Scenario C?
13. Operators: how do we account for EWA in Scenario D, and how do we factor env storage into this scenario?
14. NNG: For Scenario D, need a model run to show how water is put into the box.
15. **DNCT:** Other contracts have multiple points of delivery: how do we deal with multiple points of delivery? DNCT should work on "multiple points of delivery" problem.

16. NNG: Need operations studies to show yield of NNG tools.
17. **DNCT:** Do we have credits for relaxation of standards, or do we get real water in storage? Does water right also have a rate designated with the amount?
18. Will Ops study of scenarios generate some amount of water for environment?
19. Would contracted amounts be affected by how we would use the water? Yes, but different points of delivery may change allocation.
20. How do we factor in available storage to hold env water, or do we simply define as export reduction credits earned - or both?
21. How do we determine allocation through a water year? Operators would hav ea basic pattern that would depend on how we use env water.
22. DEFT: We need a prioritized list to use in ops studies to come up with contract amounts. Ops studies are priority dependent.
23. Aren't there features of the scenarios that may vary each year based on adaptive management and real-time management that we can't model ahead of time? NNG: how do we account for this variability?
24. DNCT: Can env water be sold/traded? Are there any constraints on credits or stored water?
25. DEFT: Need a list of AFRP actions to enable op studies for contracting. **Reminder:** Cost of AFRP in-Delta actions varies with hydrology.
26. Operators: will coordinate AFRP in-Delta actions cost into scenario op studies.
27. DNCT: needs to define how restrictions and relaxations are allocated: to export curtailment or deliveries of water.

Briefing from Management - Ron Ott

- details on scenario were requested including:
  - issues and how they will be addressed
  - tradeoffs
  - new standards and rules for relaxation and restrictions laid out
- need scenarios by Nov 12 - include evaluations
- Babbitt on Nov 16

Discussion

1. Pete C: new standards will augment Accord not simply replace E/I standards.

2. Curtis: Fish agencies will look at effects of all NoName actions.

3. Pete C: Site specific EIR's with project level mitigation will be prepared for each NoName action.

4. Bruce: Cumulative effects in Programmatic EIR/EIS can be covered, for which we can give carte blanch to new NoName actions.

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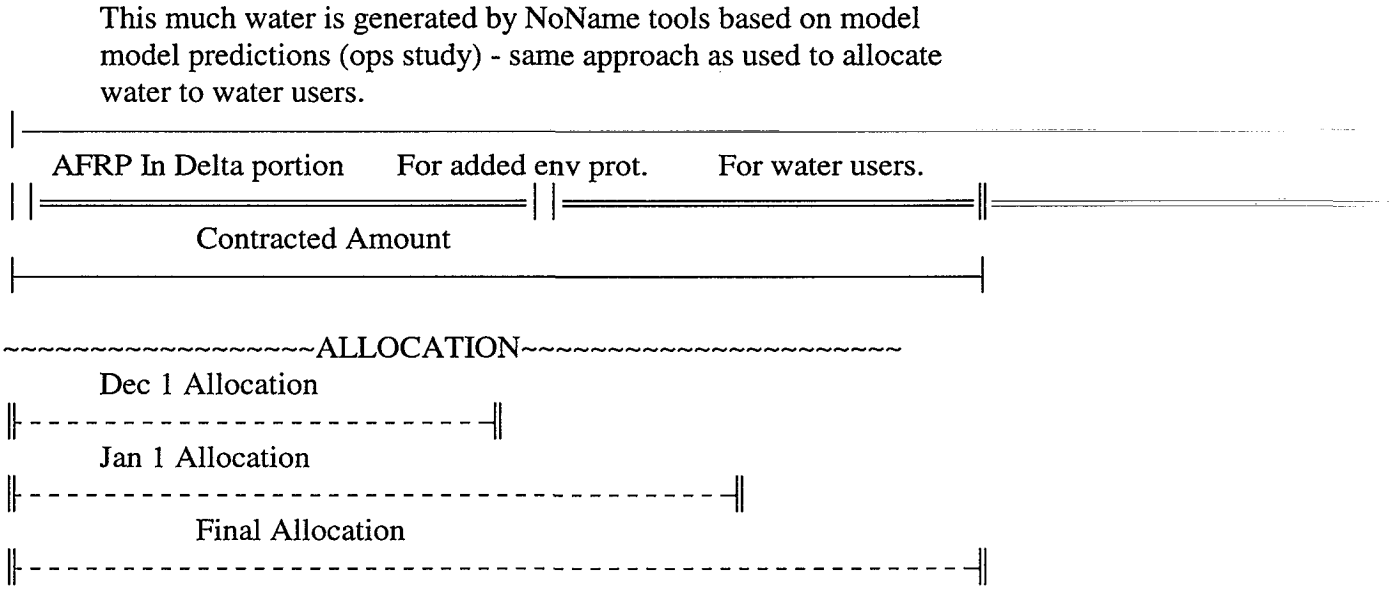
5. Chet: Contracted amounts to go to EWA is determined by forecast and op study model runs as done for other contracts.

Explanation of Scenario D Water Contracting and Allocation Scheme

WATER ALLOCATION SCHEME



SCENARIO FEATURES

The following features are present in one or more of the five scenarios developed by the DNCT.

- Constraints on NoName tools will be included for each scenario in which they are applied.
- New more protective standards (Scenario A)
- Rules for relaxation of standards (new standards - Scenario A; existing standards - other scenarios)
- Environmental Water Account - two types of currency: export credits and water in storage (either from water right or allocated in real time from relaxation or completion of new facility)
- Environmental water contracts and allocations.
- Eco Manager to determine use of EWA water and when relaxation and new restrictions can occur.
- Means to make up water supply shortages in any scenario: reduce demands for exports

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from the Delta; purchase water; relaxation of standards; add new water supply facilities.

- Allocation of water from relaxed or eliminated standards to water supply and/or environmental water account.
- Sharing between environment and water users of water supplies developed from new facilities and relaxation of standards.
- Phasing in of new more protective standards as water supplies are developed.
- Allocation of new water supplies to meet in-Delta AFRP requirements.

ISSUES to be evaluated in relation to potential tradeoff among scenarios

- Importance of entrainment (to species populations)
- Importance of indirect effects of exports (hydrology effects)
- Importance of habitat in relation to export losses to populations
- Importance of conveyance in salvage (is salvage density independent of export rates)
- Who pays for NNG actions?
- Achieving water supply goals with new environmental protections
- Should environment have an interest in new water supplies developed.
- In-Delta affects of NNG actions
- Flexible operations versus fixed standards
- Ability to provide protections if new protections are tied to developing new water supplies.
- How to define environmental credits and amount of water supply given to EWA from relaxing or eliminating standards.

ASSIGNMENT

- Check Jim Buell's scenario to see if elements can be fit into other scenarios.